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Apple II

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SACAE
STURT CAMPUS

CHEMISTRY I PART I

EDUCATIONAL SOFTWARE

By *Microphys Programs*

Brooklyn, New York

SACAE
STURT CAMPUS

CHEMISTRY & PHYSICS CASSETTES

1. Linear Kinematics
2. Projectile Motion*
3. Momentum and Energy*
4. Energy and the Inclined Plane
5. Inelastic Collisions
6. Centripetal Force
7. Pulley Systems - Machines*
8. Specific Heat Capacity
9. Calorimetry
10. Heats of Fusion/Vaporization
11. Specific Gas Laws
12. General Gas Law
13. Thermodynamics I
14. Thermodynamics II
15. Transverse Standing Waves
16. Longitudinal Standing Waves
17. Lenses and Mirrors*
18. Refraction of Light
19. Series Circuit Analysis
20. Parallel Circuit Analysis I
- 20A. Parallel Circuit Analysis II
21. Series/Parallel Circuit Analysis*
22. Faraday's Law
23. Gram-Molecular Mass
24. The Mole Concept*
25. The Molarity Concept*
26. The Normality Concept
27. The Molality Concept
28. Stoichiometry: Mass/Mass

SPELLING PROGRAMS

601. Spelling I Grade 12
602. Spelling II Grade 12
606. Spelling I Grade 11
607. Spelling II Grade 11
611. Spelling I Grade 10
612. Spelling II Grade 10
616. Spelling I Grade 9
617. Spelling II Grade 9
621. Spelling I Grade 8
622. Spelling II Grade 8
626. Spelling I Grade 7
627. Spelling II Grade 7

MATH CASSETTES - SENIOR HIGH SCHOOL

701. Quadratic Equations
702. Trigonometry I
703. Simultaneous Equations (2x2)
704. Simultaneous Equations (3x3)
705. Geometrical Areas
706. Trigonometry II
707. Verbal Problems I - Numbers
708. Verbal Problems II - Coins
709. Verbal Problems III - Ages
710. Verbal Problems IV - Interest
711. Verbal Problems V - Mixtures
712. Verbal Problems VI - Geometry
713. Verbal Problems VII - Rates
714. Verbal Problems VIII - Digits

29	Stoichiometry: Mass/Volume
30	Stoichiometry: Volume/Volume
31	Stoichiometry: General*
32	Percent Concentration
33	pH Concept
34	EMF of Electrochemical Cells
35	Electric Field Analysis
36	Photoelectric Effect
37	Symbols and Valence Drill
38	Naming Compounds Drill
39	Formulas of Compounds Drill
40	Total Internal Reflection

VOCABULARY CASSETTES

715	Verbal Problems IX - Work
716	Arithmetic Progressions I
717	Arithmetic Progressions II
718	Geometric Progressions I
719	Geometric Progressions II
720	Types of Variation
721	Linear Equations
722	Formula Evaluation
723	Coordinate Geometry I
724	Exponents and Logarithms
725	Verbal Problems - General

MATH CASSETTES - JUNIOR HIGH SCHOOL

801	Magic Squares
802	Multiplication
803	Division
804	Modular Arithmetic
805	Proportion Problems
806	Percent Problems
807	Addition of Fractions
808	Subtraction of Fractions
809	Multiplication of Fractions
810	Division of Fractions
811	Mode, Median, and Mean
812	Bar Graph Analysis
813	Decimals I
814	Decimals II
815	Verbal Problems I

UTILITY CASSETTES

301	Vector Analysis I
302	Vector Analysis II
303	Gas Law Analysis
304	Optics Analysis
305	Projectile Analysis
306	Calorimetry Analysis
307	Chemistry I Analysis
308	Chemistry II Analysis
309	Stoichiometry Analysis

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401	12th Grade I
402	12th Grade II
403	12th Grade III
404	12th Grade IV
405	12th Grade V
406	11th Grade I
407	11th Grade II
408	11th Grade III
409	11th Grade IV
410	11th Grade V
411	10th Grade I
412	10th Grade II
413	10th Grade III
414	10th Grade IV
415	10th Grade V
416	9th Grade I
417	9th Grade II
418	9th Grade III
419	9th Grade IV
420	9th Grade V
421	8th Grade I
422	8th Grade II
423	8th Grade III
424	8th Grade IV
425	8th Grade V
426	7th Grade I
427	7th Grade II
428	7th Grade III
429	7th Grade IV
430	7th Grade V